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LETTERS

HARM REDUCTION IN FIGHT AGAINST HIV

Harm reduction interventions should encompass people who inject image and performance enhancing drugs

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We welcome the news item on the role of harm reduction in the “fight” against HIV,¹ and we broadly agree with the findings of the report *The Case for a Harm Reduction Decade: Progress, Potential and Paradigm Shifts*.² Clearly harm reduction for people who inject drugs is having a positive impact on HIV in many places around the world.

In addition to answering the needs of established drug injecting populations, we must also get ahead of the curve in relation to emerging patterns of injecting drug use to reduce the number of new cases of HIV. The injection of image and performance enhancing drugs (IPEDs)—such as anabolic steroids, growth hormones, melanotan II, and a range of other enhancement drugs—has been largely overlooked in relation to the risk of transmitting blood borne viruses.

A recent review of 187 studies on anabolic steroid use indicated a global lifetime prevalence of 3.3%,³ and IPED users are a growing client group in many countries with longstanding provision of needle and syringe programmes.^{4 5} Furthermore, in the UK there is evidence of HIV within this group, with an HIV prevalence of 1.5% in men who inject IPEDs—comparable to that in those who inject opioids or stimulants.⁶ Finally, there is evidence that people using IPEDs are very sexually active, with low rates of condom use, suggesting a serious risk of HIV transmission through their sexual networks.⁶

The use of IPEDs, and in particular the injection of anabolic steroids by men, must be viewed as a serious public health concern requiring the attention of policy makers. Addressing the needs of emerging and often hidden populations of people who inject drugs should be part of the focus on harm reduction interventions.

Competing interests: None declared.

Full response at: <http://www.bmj.com/content/352/bmj.i1479/rr>.

- 1 Cousins S. Focus on harm reduction in fight against HIV, says report. *BMJ* 2016;352:i1479. doi:10.1136/bmj.i1479 pmid:26966144.
- 2 Harm Reduction International. The case for a harm reduction decade: progress, potential and paradigm shifts. 2016. www.ihra.net/harm-reduction-decade.
- 3 Sagoe D, Molde H, Andreassen CS, Torsheim T, Pallesen S. The global epidemiology of anabolic-androgenic steroid use: a meta-analysis and meta-regression analysis. *Ann Epidemiol* 2014;24:383-98. doi:10.1016/j.annepidem.2014.01.009 pmid:24582699.
- 4 Iversen J, Topp L, Wand H, Maher L. Are people who inject performance and image-enhancing drugs an increasing population of Needle and Syringe Program attendees? *Drug Alcohol Rev* 2013;32:205-7. doi:10.1111/j.1465-3362.2012.00499.x pmid:22931298.
- 5 Kimergård A, McVeigh J. Variability and dilemmas in harm reduction for anabolic steroid users in the UK: a multi-area interview study. *Harm Reduct J* 2014;11:19. doi:10.1186/1477-7517-11-19 pmid:24986546.
- 6 Hope VD, McVeigh J, Marongiu A, et al. Prevalence of, and risk factors for, HIV, hepatitis B and C infections among men who inject image and performance enhancing drugs: a cross-sectional study. *BMJ Open* 2013;3:e003207. doi:10.1136/bmjopen-2013-003207 pmid:24030866.

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